

AMENDMENTS TO THE CLAIMS

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the applications:

Listing of Claims:

Claims 1-20 (Canceled)

Claim 21 (Currently Amended): A call connection management equipment for a communication network having a plurality of interface points which includes a first interface point connected to a calling terminal, a second interface point connected to a called terminal, and other interface points connected between said first interface point and said second interface point,
the connection between said first interface point and said calling terminal and/or between said second interface point and said called terminal between wireless connection, and
at least one of said plurality of interface points being provided with said call connection management equipment~~between a calling terminal and a called terminal,~~ comprising:

a connection setter adapted to generate call connection information concerning calling terminal ID, called terminal ID, and communication route between said first interface point and said second interface point;~~to perform call connection between an interface and another interface on a communication route;~~

a connection register including a connection management table registering said call connection information to said connection management table in a first case that said call connection information has not been recorded in said connection management table, and not registering said call connection information to said connection management table in a second case that said call connection information has been recorded in said connection management table;~~to store said call connection information with corresponding calling terminal ID and corresponding called terminal ID; and~~

~~a history storage to store call connection histories for each combination of the calling and called terminal IDs, and to judge whether a call connection history corresponding to a combination of the calling and called terminal IDs read from a call connection request is stored therein;~~

~~a comparator configured to compare said call connection history with a predetermined condition, and judge whether the call connection history satisfies the predetermined condition; and~~

~~a connection establisher adapted to establishes a call connection between said calling terminal and said called terminal based on new connection information generated by said connection setter in said first case, and to establish a call connection between said calling terminal and said called terminal based on said connection information registered in said connection management table in said second case.~~
~~interface and said other interface based on said call connection information stored in said connection register when a corresponding combination of the calling and called terminal IDs is stored in said history storage and said call connection history satisfies the predetermined condition, and to establish the call connection based on new connection information generated by said connection setter when a corresponding combination of the calling and called terminal IDs is not stored in said history storage or said call connection history does not satisfy the predetermined condition.~~

Claim 22 (Currently Amended): The call connection management equipment according to Claim 21, wherein said first interface is a wireless base station.

Claim 23 (Currently Amended): The call connection management equipment according to Claim 21, wherein said ~~other~~ second interface point is ~~another~~ a wireless base station.

Claim 24 (Currently Amended): The call connection management equipment according to Claim 22, wherein said ~~other~~ second interface point is a gateway switch for connecting said wireless communication network and another communication network.

Claim 25 (Currently Amended): The call connection management equipment according to Claim 21, wherein said first interface point is a mobile communication controller.

Claim 26 (Currently Amended): The call connection management equipment to Claim 22, wherein said ~~other~~ second interface point is ~~another~~ a mobile communication controller.

Claim 27 (Currently Amended): The call connection management equipment according to Claim 22, wherein said ~~other~~ second interface point is a gateway switch for connecting said wireless communication network and another communication network.

Claim 28 (Currently Amended): The call connection management equipment according to Claim 21, wherein said first interface point and said ~~other~~ second interface point are ATM interfaces.

Claim 29 (Canceled)

Claim 30 (Currently Amended): The call connection management equipment according to Claim 21, wherein said connection register is adapted to delete the registration of said call connection information corresponding to said calling terminal from said connection management table when said first interface point to accommodate the calling terminal is switched.

Claim 31 (Currently Amended): The call connection management equipment according to Claim 30, wherein said connection register is adapted to delete the registration of said call connection information corresponding to said calling terminal from said connection management table when a wireless base station to accommodate the calling terminal is switched.

Claim 32 (Currently Amended): The call connection management equipment according to Claim-2130, wherein said connection register is adapted to delete the registration of said call connection information corresponding to said calling terminal from said connection management table when a mobile communication controller corresponding to the calling terminal is switched.

Claim 33 (Currently Amended): The call connection management equipment according to Claim 21, wherein said connection register is adapted to delete the registration of said call connection information corresponding to said called terminal from said connection management table when said second interface point to accommodate the called terminal is switched.

Claim 34 (Currently Amended): The call connection management equipment according to Claim 33, wherein said connection register is adapted to delete the registration of said call connection information corresponding to said called terminal from said connection management table when a wireless base station to accommodate the called terminal is switched.

Claim 35 (Currently Amended): The call connection management equipment according to Claim 33, wherein said connection register is adapted to delete the registration of said call connection information corresponding to said called terminal from said connection management table when a mobile communication controller corresponding to the called terminal is switched.

Claim 36 (Canceled)

Claim 37 (Canceled)

Claim 38 (Canceled)

Claim 39 (Canceled)